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1/1 - (C) FILE CA
STN CA Caesar accession number : 1076

AN - 139:37380 CA

TI - Polycarbonate compositions for thin products with high fire resistance and good mechanical properties

IN - Sato, Ichiro; Okada, Koji; Nukui, Shinji

PA - Sumitomo Dow Limited, Japan

SO - Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT - Patent

LA - Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN - JP2003171547	A2	20030620	JP 2001-375491	200112 10

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PRAI- JP 2001-375491 20011210

AB - The compns. contain polycarbonates 100, rubber copolymers contg. Na and/or K as metal impurities at .1toreq.10 ppm in total 1-10, fireproofing agents 0.5-20, and fiber-forming fluoropolymers 0.05-2 parts. Thus, a compn. comprising Calibre 200-13 100, Me methacrylate-butadiene-styrene graft copolymer 3, BC 52 (tetrabromobisphenol A polycarbonate oligomer) 7, and Neoflon FA 500 0.5 part showed fire resistance (UL 94) V-0, Izod impact strength 30 kg-cm/cm², and deflection temp. under load 132.degree..

IT - Sulfonic acids, uses

RL: MOA (Modifier or additive use); USES (Uses)
(alkanesulfonic, perfluoro, salts, additives; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - Fluoropolymers, uses

RL: MOA (Modifier or additive use); USES (Uses)
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IT - Fireproofing agents
(halogen compds. or phosphates; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - Fire-resistant materials
(polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - Polycarbonates, properties
RL: POF (Polymer in formulation); PRP (Properties); USES (Uses)
(polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - Polymer blends
RL: PRP (Properties)
(polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - Aromatic compounds
RL: MOA (Modifier or additive use); USES (Uses)
(sulfonates, additives; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - 3695-00-9, KPTSM
RL: MOA (Modifier or additive use); USES (Uses)
(KPTSM, additive; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - 9002-84-0, Neoflon FA 500
RL: MOA (Modifier or additive use); USES (Uses)
(antidripping agent; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - 108422-85-1
RL: MOA (Modifier or additive use); USES (Uses)
(assumed monomers, fireproofing agent; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - 25037-45-0
RL: POF (Polymer in formulation); PRP (Properties); USES (Uses)
(assumed monomers; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - 56262-45-4, BC 52 139189-30-3, ADK Stab FP 500
RL: MOA (Modifier or additive use); USES (Uses)
(fireproofing agent; polycarbonate compns. for thin products with high fire resistance and good mech. properties)

IT - 24936-68-3, Calibre 200-13, properties 107080-92-2,
Butadiene-methyl methacrylate-styrene graft copolymer
RL: POF (Polymer in formulation); PRP (Properties); USES (Uses)
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